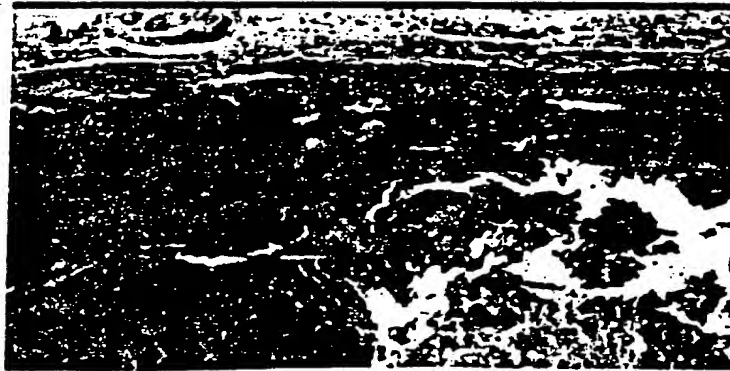
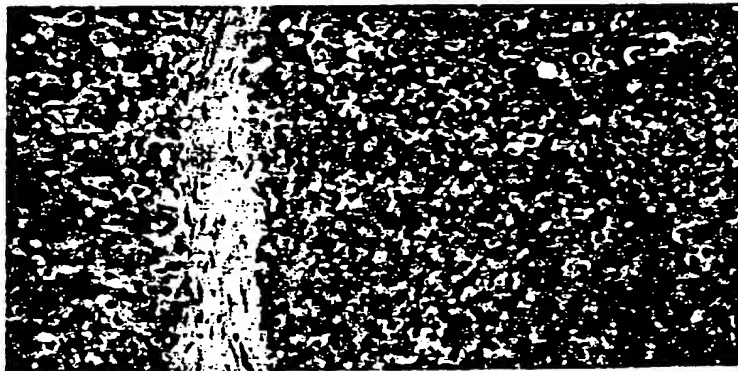




FIGURE 1



1A



1B



FIGURE 2

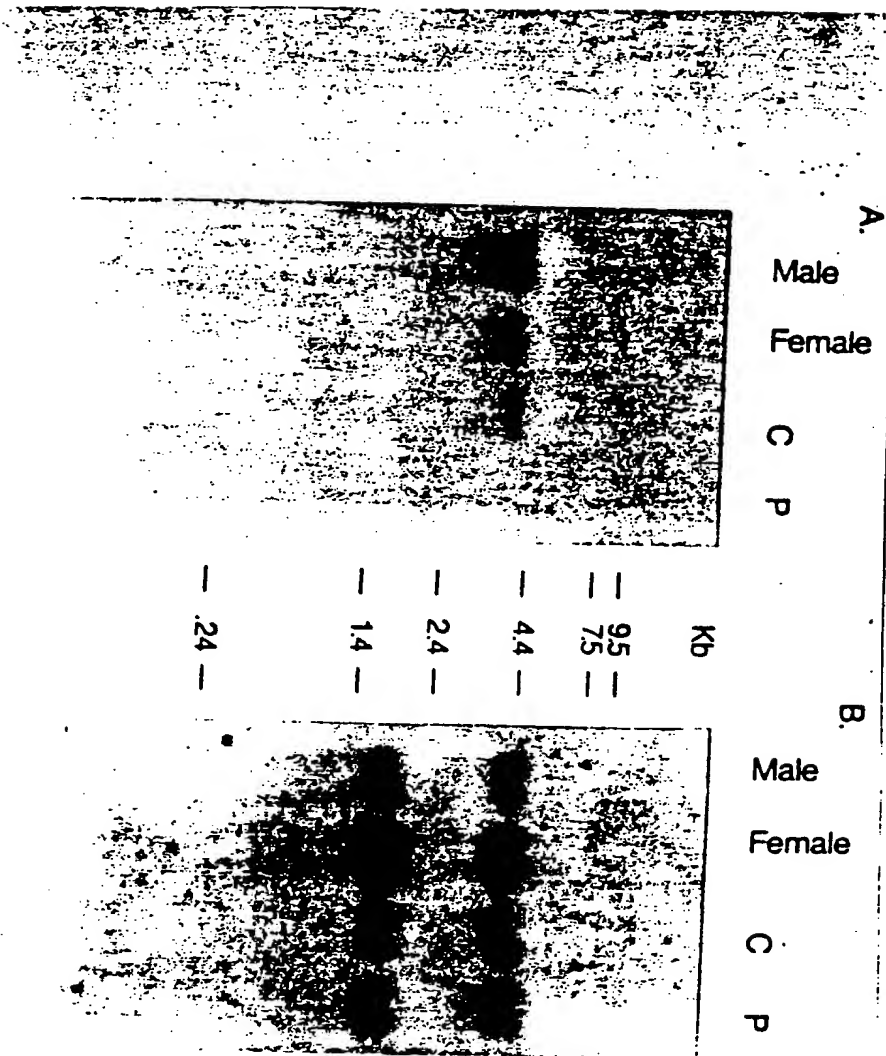
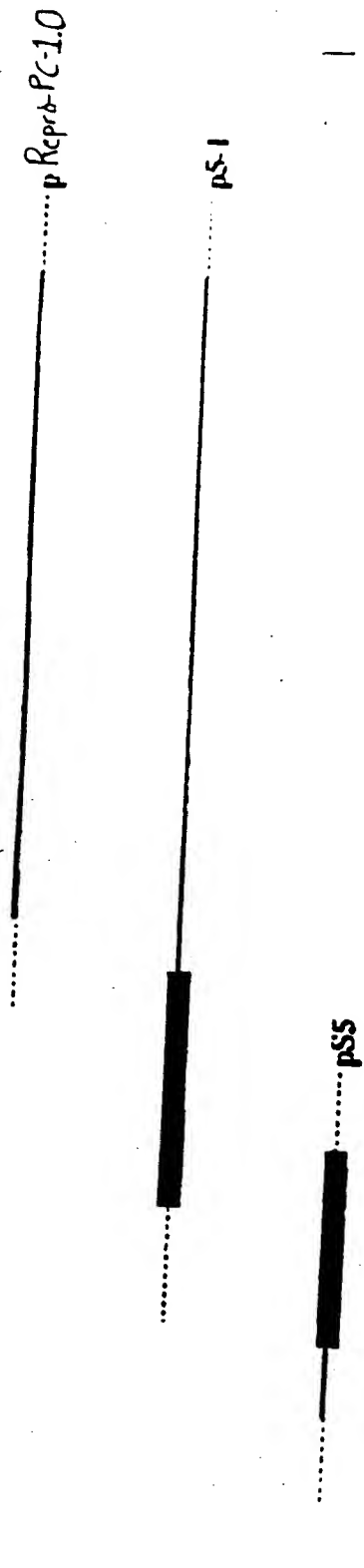




FIGURE 3



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FIGURE 4

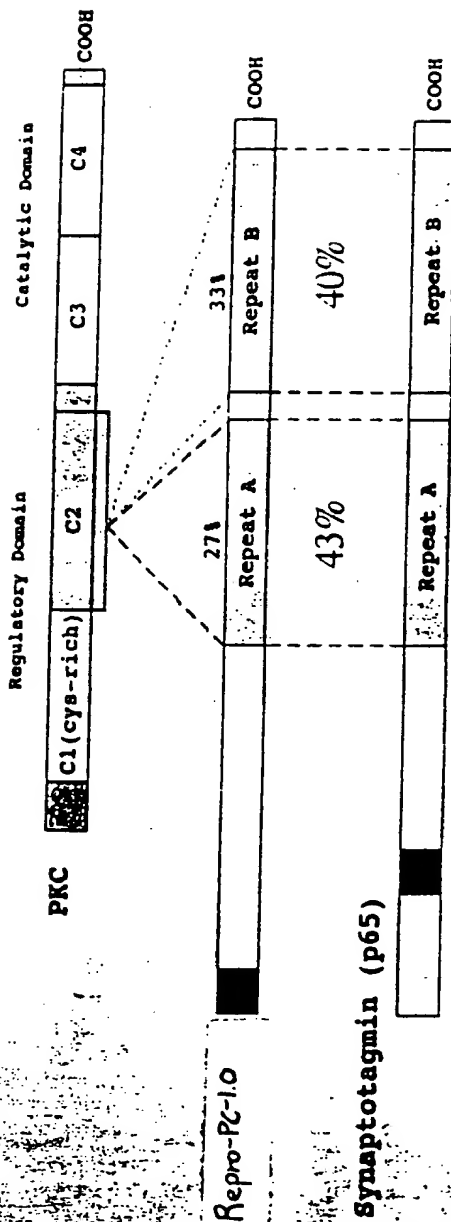




FIGURE 5

PC1 : 1 MAPITTSREEFDEIPTVVGIFSAFGLVFTVSLFAWICCORKSSKSNKTPPYKFVHVLKGV 60
SYT4: 1 MAPITTSRVEFDEIPTVVGIFSAFGLVFTVSLFAWICCORRSKSNKTPPYKFVHVLKGV 60
PC1 : 61 DIYPENLNSKKKFGADDKNEVKNKPAVPKNSLHLDLEKRDNLGNFPKTNLPGSPSDLEN 120
SYT4: 61 DIYPENLSSKKKFGGDDKSEAKRKAALPNLSLHLDLEKRDNLGNFPKTNPKAGSSSDLEN 120
PC1 : 121 ATPKLFLEGEKESVSPESLKSSTSLTSEEKQEKLGTLFFSLEYNFERKAFVVNIKEARGL 180
SYT4: 121 VTPKLFPETEKEAVSPESLKSSTSLTSEEKQEKLGTLFSLLEYNFEKKAFVVNIKEAQGL 180
PC1 : 181 PAMDEQSMTSDPYIKMTILPEKKHKVKTRVLRKTLDPAFDETFTFYGIPYTQIQELALHF 240
SYT4: 181 PAMDEQSMTSDPYIKMTILPEKKHKVKTRVLRKTLDPVFDDETFTFYGVYPYPHIQELSLHF 240
PC1 : 241 TILSFDRFSRDDIIGEVLIPLSGIELSEGKMLMNREIIKRNVRKSSSGRGELLISLCYQST 300
SYT4: 241 TVLSFDRFSRDDVIGEVLVPLSGIELSDGKMLMTREIIKRNAKSSSGRGELLVSLCYQST 300
PC1 : 301 TNTLTVVVLKARHLPKSDVSGLSDPYVKVNLVYHAKKRISKKKTHVKKCTPNAVFNELFVF 360
SYT4: 301 TNTLTVVVLKARHLPKSDVSGLSDPYVKVNLVYHAKKRISKKKTHVKKCTPNAVFNELFVF 360
PC1 : 361 DIPCEGLEDISVEFLVLDSEGRSRNEVIGQLVLGAAAEGTGGEHWKEICDYPRRQIAKWH 420
SYT4: 361 DIPCESLEEISVEFLVLDSEGRSRNEVIGRLVLGATAEGSGGGHWKEICDFPRRQIAKWH 420
PC1 : 421 VLCDG 425
SYT4: 421 MLCDG 425

FIGURE 6

PKC-C2
 154 ENVPSLGCDDHTERRGRIYILEINVKENLLTVQIKEGRNL-IPMDPNGLSDPYVKVKLIPDD
 276 EIIKRNVRKSSGRGELLISLCYQSTINTLTVVVLKARHL-PKSDVSGLSDPYVKVNLVYHAK
 268 ---KEE---QEKLGDICFSLRYVPTAGKLTVVILEAKNL-KKMDVGGLSDPYVKIHLQMONG
 134 ---KEEPKEEEKLGKLYSLDYDFQNNQLLVGIIQAAELPA-LDMGGTSDPYVK---VFL
 150 -----KQEKLGTLFFSLEYNFERKAFVUNIKEARGLPAMDEQSMTSDPYIK-----MTI
 Repro-PC-1.0 "B"
 SYNAPTOTAGMIN "B"
 SYNAPTOTAGMIN "A"
 Repro-PC-1.0 "A"

PKC-C2
 214 KDQSKKK---TRTTKACLNPVWNE--TLTYDLKPEDKDRRILIEVWDWDRTSRNDFMGALSF
 336 KRISKKK---THVKKCTPNAVENELFVF-DIPCEGLEDISVEf1VLDSEGRSNEVIG--QL
 322 KRLKKK---TTIKKNTLNPYYNESFSF-EVPFEQIQKVQVVTVLDYDKIGKNDAG--KV
 187 LPDKKKKFETKVHRKTLNPFVNEQFTF-KVPYSELGGKTLVMAVYDFDRFSKhdIIGEFKV
 199 LPEKKHKVKT RVL RKTLDPAFDETFYGIPTQIQELALHFTILSFDRSRDDIIGEVL I
 Repro-PC-1.0 "B"
 SYNAPTOTAGMIN "B"
 SYNAPTOTAGMIN "A"
 Repro-PC-1.0 "A"

PKC-C2
 271
 392 VLGA
 378 FVGYN
 247 PMNTVDF
 260 PLS
 Repro-PC-1.0 "B"
 SYNAPTOTAGMIN "B"
 SYNAPTOTAGMIN "A"
 Repro-PC-1.0 "A"

